

**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

APPLICATION SERIAL NO.: 09/930,421

ATTY. DKT. #: 12078-139

GROUP ART UNIT: 2633

APPLICANTS: Noah J. Ternullo et al.

EXAMINER: Dalzid E. Singh

FILING DATE: August 15, 2001

CONFIRMATION NO.: 1551

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	FILING DATE IF APPROPRIATE
	4,992,940	12/12/1991	Dworkin	364/401	3/13/1989
	5,047,614	9/10/1991	Bianco	235/385	8/8/1989
	5,250,789	10/5/1993	Johnsen	235/383	10/31/1991
	5,295,064	3/15/1994	Malec et al.	364/401	7/13/1989
	5,424,524	6/13/1995	Ruppert et al.	235/462	6/24/1993
	5,469,206	11/21/1995	Strubbe et al.	348/7	6/1/1993
	5,611,051	3/11/1997	Pirelli	395/210	6/6/1995
	5,664,110	9/2/1997	Green et al.	705/26	8/8/1994
	5,825,002	10/20/1998	Roslak	235/375	9/5/1996
	5,850,433	12/15/1998	Rondeau	379/201	5/1/1996
	5,912,752				
	5,923,735	7/13/1999	Swartz et al.	379/93.12	5/29/1996
	5,950,173	9/7/1999	Perkowski	705/26	5/12/1997
	5,956,693	9/21/1999	Geerlings	705/14	7/19/1996
	5,971,277	10/26/1999	Cragun et al.	235/462.01	8/12/1998
	5,979,757	11/9/1999	Tracy et al.	235/385	12/20/1996
	6,012,049	1/4/2000	Kawan	705/41	2/4/1998
	6,038,551	3/14/2000	Barlow et al.	705/41	3/11/1996
	6,064,979	5/16/2000	Perkowski	705/26	11/19/1996
	6,065,681	5/23/2000	Trueggelmann	235/487	1/29/1998
	6,073,112	6/6/2000	Geerlings	705/14	7/12/1999
	6,073,842	6/13/2000	Yoshinaga	235/382.5	7/7/1997
	6,092,053	7/18/2000	Boesch et al.	705/26	10/7/1998
	6,094,724	7/25/2000	Benhammou et al.	713/202	11/26/1997
	6,101,483	8/8/2000	Petrovich et al.	705/26	5/29/1998
	6,101,486	8/8/2000	Roberts et al.	705/27	4/20/1998
	6,119,935*	9/19/2000	Jelen et al.	235/383	12/19/1996
	6,123,259*	9/26/2000	Ogasawara	235/380	4/30/1998

	6,125,352*	9/26/2000	Franklin et al.	705/26	11/13/1996
	6,129,276*	10/10/2000	Jelen et al.	235/383	7/30/1999
	6,185,541*	2/6/2001	Scroggie et al.	705/14	5/12/1999
	6,189,781*	2/20/2001	Yoshinaga et al.	235/375	11/7/1994
	6,199,753*	3/13/2001	Tracy et al.	235/375	11/4/1999
	6,272,575*	8/7/2001	Rajchel	701/102	2/26/1999
	6,311,167*	10/30/2001	Davis et al.	705/35	12/22/1997
	6,381,465*	4/30/2002	Chern et al.	455/466	9/20/1999
	6,385,591*	5/7/2002	Mankoff	705/14	5/11/1999
	6,397,057*	5/28/2002	Malackowski et al.	455/414	12/24/1997
	6,405,318*	6/11/2002	Rowland	713/200	3/12/1999
	6,505,046*	1/7/2003	Baker	455/456	11/19/1998
	6,568,596*	5/27/2003	Shaw	235/462.01	10/2/2000
	6,587,835*	7/1/2003	Treyz et al.	705/14	2/9/2000
	6,601,038*	7/29/2003	Kolls	705/14	6/17/1999
	6,629,151*	9/30/2003	Bahl	709/250	12/8/1999
	6,643,650*	11/4/2003	Slaughter et al.	707/10	9/12/2000
	6,647,269*	11/11/2003	Hendrey et al.	455/456	7/5/2001
	6,650,451*	9/18/2003	Byers et al.	359/159	8/24/1999
	6,684,399*	1/27/2004	Grooters	725/48	9/17/1999
	6,738,951*	5/18/2004	Weiss et al.	715/523	12/9/1999
	6,760,916*	7/6/2004	Holtz et al.	725/34	4/18/2001
	6,785,902*	8/31/2004	Zigmond et al.	725/38	12/20/1999
	6,857,013*	2/15/2005	Ramberg et al.	709/223	1/29/1999
	6,857,021*	2/15/2005	Schuster et al.	709/227	2/29/2000
	6,966,027*	11/15/2005	Krasinski	715/513	10/4/1999
	6,975,835*	12/13/2005	Lake et al.	455/3.01	9/7/1999
	20010049636*	12/6/2001	Hudda et al.	705/26	4/16/2001
	20010054114*	12/20/2001	DuVal et al.	709/247	3/9/2001
	20020006788*	1/17/2002	Knutsson et al.	455/422	5/7/2001
	20020019782*	2/14/2002	Hershtik	705/26	7/23/2001
	20020052781*	5/2/2002	Aufricht et al.	705/14	5/25/2001
	20020055924*	5/9/2002	Liming	707/100	1/18/2001
	20020083179*	6/27/2002	Shaw et al.	709/227	11/21/2000
	20020104087*	8/1/2002	Schaffer et al.	725/46	12/5/2000
	20030130909*	7/10/2003	Caci et al.	705/27	1/4/2002
	20050097008*	5/5/2005	Ehring et al.	705/26	12/13/2004

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	APPLICANT NAME	CLASS/SUB-CLASS	TRANSLATION YES NO
	WO 01/20526 A1*	3/22/2001	Molbak et al.	G06F 17/60	X
	DE 19718904A1	12/11/98	Kosel	G06F 17/60	X
	EP 0837406A2	4/22/98	Klein et al.	G06F 17/30	X
	WO 98/18094A1	4/30/98	Teicher	G06F 17/60	X

**OTHER DOCUMENTS  
(Including Author, Title, Date, Pertinent Pages, etc.)**

1.	Böhm, K., <i>On Extending the XML Engine with Query-Processing Capabilities</i> , 2000, IEEE 0-7685-0659-3/00.
----	--

EXAMINERDATE CONSIDERED